

file P120/037/032  
c.c. K. M. M. 2  
J. Whitehead  
IN REPLY REFER TO



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

3809 (U-068)  
U68-P85-01

Moab District  
Grand Resource Area  
P.O. Box M  
Moab, Utah 84532

FEB 13 1986

**RECEIVED**  
FEB 14 1986

State of Utah Natural Resources  
Oil Gas and Mining  
355 W. No. Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180  
Attn: John Whitehead

DIVISION OF  
OIL, GAS & MINING

Dear Mr. Whitehead,

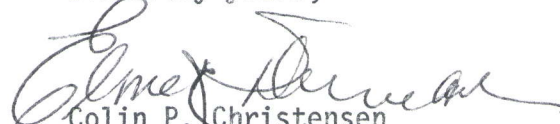
Enclosed is the seed mixture we will have the Kelmene use for reclamation of their proposed waste dumps. We feel very strongly that this seed mixture is more appropriate than Division of Wildlife Resource's (DWR's) seed list proposal. DWR's seed mixture would have interspecific competition and has a potential for intraspecific competition. Standard procedure would warrant only 10-20 pounds per acre versus DWR's rate of 58 pounds per acre. In addition, there are some cost prohibitive species on DWR's list and some species that do not have a good success rate.

The seed mixture we will have Kelmene use was compiled by our reclamation specialist based on what is native to the area, the success rate of these species in this type of ecosystem, and cost. Forbs were omitted because of their poor success rate when planted. Forbs will eventually re-establish naturally.

Since the operation is proposed for fifteen and one half years, we will make a provision for changing any species on the list base on new date, i.e. new varieties, new plant materials, etc. We hope that we can come to an agreement on the seed mixture in order to prevent the operators from having to purchase two entirely different seed mixtures for his operation, which is located on State and public lands. If you have any specific questions regarding the seed mix list, please call Jeff Robbins at (801) 259-8193.

**FILE COPY**

Sincerely yours,

  
Colin P. Christensen  
Area Manager  
*Ading*

Enclosure:  
Kelmene Seed Mixture

# KELMINE SEED MIXTURE

## Species

### Grasses

Bouteloua gracilis	Blue grama	1
Oryzopsis hymenoides	Indian ricegrass	1
Dactylis glomerata	Orchard grass - (Piute var.)	1
Agropyron cristata	Crested Wheatgrass	1

### Shrubs

Ceratoides lanata	Winterfat (White sage)	1
Atriplex canescens	Fourwing saltbrush	1
Astemesia tridentata	Sagebrush	<u>1</u>

TOTAL 7 lbs/ac

Broadcast seed will be applied at double the above rate. Seeding will be done in the fall of the year (Oct. - Dec.).